

Attorney Docket No.
*8733.20031Application No.
*09/365,634U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY
APPLICANT

(Use Several Sheets if Necessary)

Date: _____

Applicant: Komatsu HIROSHI*

Filing Date
*August 3, 1999Group
*2871

COPY

jc971 U.S. 982836
10/22/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
11	AA	4,239,346	12/16/80	LLOYD			
	AB	5,307,189	04/26/94	NISHIKI, et al.			
	AC	5,321,535	06/14/94	UKAI, et al.			
	AD	5,459,596	10/17/95	UEDA, et al.			
	AE	5,464,669	11/07/95	KANG, et al.			
	AF	5,492,762	02/20/96	HIRAI, et al.			
	AG	5,540,784	07/30/96	RANES			
	AH	5,576,858	11/19/96	UKAI, et al.			
	AI	5,598,285	01/28/97	KONDO, et al.			
	AJ	5,608,556	03/04/97	KOMA			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	TRANSLATION	
				YES	NO
11	AK 0 368 260	05/1990	EUROPEAN	X	
	AL 0 588 568	03/1994	EUROPEAN	X	
	AM 0 749 029	12/1996	EUROPEAN	X	
	AN 62-78532	04/1987	JAPAN	ABSTRACT	
	AO 04-067127	03/1992	JAPAN	ABSTRACT	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

11	AP	R. Kiefer, et al., <i>In-Plane Switching of Nematic Liquid Crystals</i> , Japan Display '92, pp. 547-550.
	AQ	M. Oh-e, et al., <i>Principles and Characteristics of Electro-Optical Behaviour with In-Plane Switching Mode</i> , Asia Display '95, pp. 577-580.
	AR	M. Ohta, et al., <i>Development of Super-TFT-LCDs with In-Plane Switching Display Mode</i> , Asia Display '95, pp. 707-710.

Examiner Signature 11

Date Considered: 07/13/11

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
11	AA	5,646,705	07/08/97	HIGUCHI, et al.			
	AB	5,737,051	04/07/98	KONDO, et al.			
	AC	5,757,455	05/26/98	SUGIYAMA, et al.			
	AD	5,760,856	06/02/98	YANAGAWA, et al.			
	AE	5,760,857	06/02/98	YANAGAWA, et al.			
	AF	5,786,876	07/28/98	OTA, et al.			
	AG	5,793,459	08/11/98	TOKO			
	AH	5,831,701	11/03/98	MATSUYAMA, et al.			
	AI	5,841,499	11/24/98	BAUR, et al.			
	AJ	5,859,682	01/12/99	KIM, et al.			

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	TRANSLATION	
				YES	NO
11	AK	06-273803	09/1994	JAPAN	ABSTRACT
	AL	07-036058	02/1995	JAPAN	ABSTRACT
	AM	07-225388	08/1995	JAPAN	ABSTRACT
	AN	08-062586	03/1996	JAPAN	ABSTRACT
	AO	09-005763	01/1997	JAPAN	ABSTRACT

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

11	AP	S. Matsumoto, <i>Display Characteristics of In-Plane-Switching (IPS) LCDs and a Wide-Viewing-Angle 14.5in. IPS TFT-LCD</i> , Euro Display '96, pp. 445-448.
	AQ	H. Wakemoto, et al., <i>An Advanced In-Plane-Switching Mode TFT-LCD</i> , SID 97 Digest, pp. 929-932.
	AR	Japanese Abstract for JP09-269507, 10/14/1997.

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EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
11	AA	5,870,160	02/09/99	YANAGAWA, et al.			
1	AB	5,886,762	03/23/99	LEE, et al.			
1	AC	5,907,380	05/25/99	LIEN			
1	AD	5,910,271	06/08/99	OHE, et al.			
1	AE	5,914,762	06/22/99	LEE, et al.			
	AF						
	AG						
	AH						
	AI						
	AJ						

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	Document No.	Date	Country	TRANSLATION	
				YES	NO
11	AK	09-005793	01/1997	JAPAN	ABSTRACT
	AL	09-033946	02/1997	JAPAN	ABSTRACT
	AM	09-043589	02/1997	JAPAN	ABSTRACT
	AN	09-043590	02/1997	JAPAN	ABSTRACT
1	AO	09-101538	04/1997	JAPAN	ABSTRACT

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

11	AP	S.H. Lee, et al., High-Transmittance, Wide-Viewing-Angle Nematic Liquid Crystal Display Controlled by Fringe-Field Switching, Asia Display '98, pp. 371-374.
	AQ	
	AR	

Examiner Signature

T.R.

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EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
11	AA	5,946,067	08/31/99	KIM, et al.			
	AB	5,956,111	09/21/99	OHTA, et al.			
	AC	5,959,708	09/28/99	LEE, et al.			
	AD	5,969,782	10/19/99	LEE, et al.			
	AE	5,977,562	11/02/99	HIRAKATA, et al.			
	AF	5,995,186	11/30/99	HIROSHI			
	AG	6,005,650	12/21/99	KIM, et al.			
✓	AH	6,040,887	03/21/00	MATSUYAMA, et al.			
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	AJ						

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		Document No.	Date	Country	TRANSLATION	
					YES	NO
11	AK	09-105908	04/1997	JAPAN	ABSTRACT	
	AL	09-105918	04/1997	JAPAN	ABSTRACT	
	AM	09-258269	10/1997	JAPAN	ABSTRACT	
	AN	09-325346	12/1997	JAPAN	ABSTRACT	
✓	AO	96-32049	09/1996	KOREA		X

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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7/13/99

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	AF						
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	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	TRANSLATION	
					YES	NO
1.1	AK	97-22458	05/1997	KOREA		X
	AL	98-083765	12/1998	KOREA		X
	AM	97/10530	03/1997	PCT	X	
	AN					
	AO					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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AR	

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U.S. Department of Commerce

Date Filed: August 3, 1999

DOCKET NO. 8733.20031

APPLN. NO. Not Assigned

APPLICANT: Hiroshi KOMATSU

FILING DATE: 08/03/99

GROUP TBA

U.S. PATENT DOCUMENTS

10/22/01

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes/No/Abstract
77		1994-7581	04/1994	KOREA			
L	*	96-32049	09/1996	KOREA			
		7-36058	02/1995	JAPAN			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, etc.)

	M. Oh-e, et al., <i>Principles and Characteristics of Electro-Optical Behaviour with In-Plane Switching Mode</i> , ASIA DISPLAY '95, pp. 577-580.
	M. Ohta, et al., <i>Development of Super-TFT-LCDs with In-Plane Switching Display Mode</i> , ASIA DISPLAY '95, pp. 707-710.
	R. Kiefer, et al., <i>In-Plane Switching of Nematic Liquid Crystals</i> ", JAPAN DISPLAY '92, pp. 547-550.

Examiner Signature:

Date Considered: 07/15/03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Komatsu HIROSHI

Group Art Unit: 2871

Serial No.: 09/365,634

Examiner: Unknown

Filed: August 3, 1999

For: LIQUIDS CRYSTAL DISPLAY

COPY

RELATED CASES STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant hereby provides a list of pending U.S. applications or issued patents which may be related to the present application.

Examiner's Initial	U.S. Serial Number	Filing Date	Inventor Name	Our Ref.
	6323927 09/365,634	08/1999	HIROSHI	8733.20031
	61641 08/880,068	06/1997	HIROSHI	8733.6642
	6549258 09/143,624	08/1998	SHIN et al.	8733.6663
	09/079,894 Ad~	05/1998	SEO	8733.6665
	6400936 09/613,730	07/2000	HIROSHI	8733.20121
	6281957 09/079,895	05/1998	OH	8733.6660
	6509939 09/348,704	07/1999	LEE et al.	8733.6967
	09/134,405	08/1998	HAM	8733.6833
	6297866 09/149,746	09/1998	SEO	8733.6867
	6445435 09/235,205	01/1999	SEO et al.	8733.6901
	6400935 09/271,153	03/1999	SON et al.	8733.6990